Roll No. | | | | | | | | | | | | Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. MLS (Sem.–6)

APPLIED HAEMATOLOGY-II

Subject Code : BMLS601-18

M.Code : 79484

Date of Examination : 22-05-2023

Time : 3 Hrs. **Max. Marks : 60**

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1. Write briefly :

a) Define radioactive isotopes.

b) What is the significance of abnormal bone marrow constituents?

c) Write the classification of anaemia.

d) What is Rad?

e) What are different causes of haemopoietic disorders?

f) Which type of measurement method is used for determination of plasma volume?

g) What are the different types of radiations?

h) Define radionuclide.

i) Difference between hemolytic and megaloblastic anaemia.

j) What are the different symptoms and causes of Leukamoid reactions?

SECTION-B

2. Discuss in detail about Haemophilia.

3. Discuss the mechanism of normal fibrinolysis.

4. Write in detail about the measurement of blood volume and platelet life span.

5. Describe the laboratory diagnosis of megaloblastic anaemia.

6. What are the different types of apparatus used for the measurement of radiations?

SECTION-C

7. Elaborate the significance of chromosomal studies in different blood related disorders.

8. Write a detailed note on radiation hazards with its prevention.

9. Discuss about the laboratory diagnosis of DIC.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.